Counterdrug Surveillance and Control System (CSCS)

CSCS

CSCS Information Brief

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Description of CSCS Program

&

Program Office

What is CSCS?

CSCS

CSCS:

◆ HQ Air Combat Command managed Command and Control Network supporting Counterdrug operations

CSCS Mission Statement:

◆ Provide air surveillance in support of US & Cooperating Nation counterdrug efforts throughout Latin America, South America, and the Caribbean.

◆ In addition, support air sovereignty, search and rescue, and regional cooperation missions.

Supporting the National Drug Strategy

NATIONAL STRATEGY GOALS

1. Educate America's youth to reject illegal drugs and substance abuse.
2. Increase the safety of America's citizens by substantially reducing drug-related crime and violence.
3. Reduce health, welfare, and crime costs resulting from illegal drug use.
4. Shield America's air, land, and sea frontier from the drug threat.
5. Break foreign and domestic drug sources of supply.

SOUTHCOM ROLE
Source Zone/Transit Zone

- Detection and Monitoring
- Intelligence Sharing
- Logistics Support
- Communications
- Planning Assistance
- Train and Equip

DOD ROLE
Support Interdiction

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Current CSCS Project Types

CSCS

◆ Radar

   – Establish New Radar Sites

   – Refurbish/Redeploy Radars

   – Commercialize AF Radar Sites

   – Optimize & Integrate Host Nation Radars

◆ Communications

   – Satcom Integration of Radar Data

   – Ground-Air-Ground Radio Communications

   – TADIL Communications

◆ C2 Centers

   – Establish New C2 Centers

   – Upgrade Existing Centers

CSCS Roles and Responsibilities

CSCS

◆ **HQ ESC/ACMC**

– **CSCS Implementation Organization**

◆ **Acquire new systems**

◆ **Integrate existing systems**

◆ **Assist in establishing Host-Nation Agreements**

◆ **HQ ACC/DOXN**

– **Oversight of operational issues**

◆ **HQ ACC/SCCC**
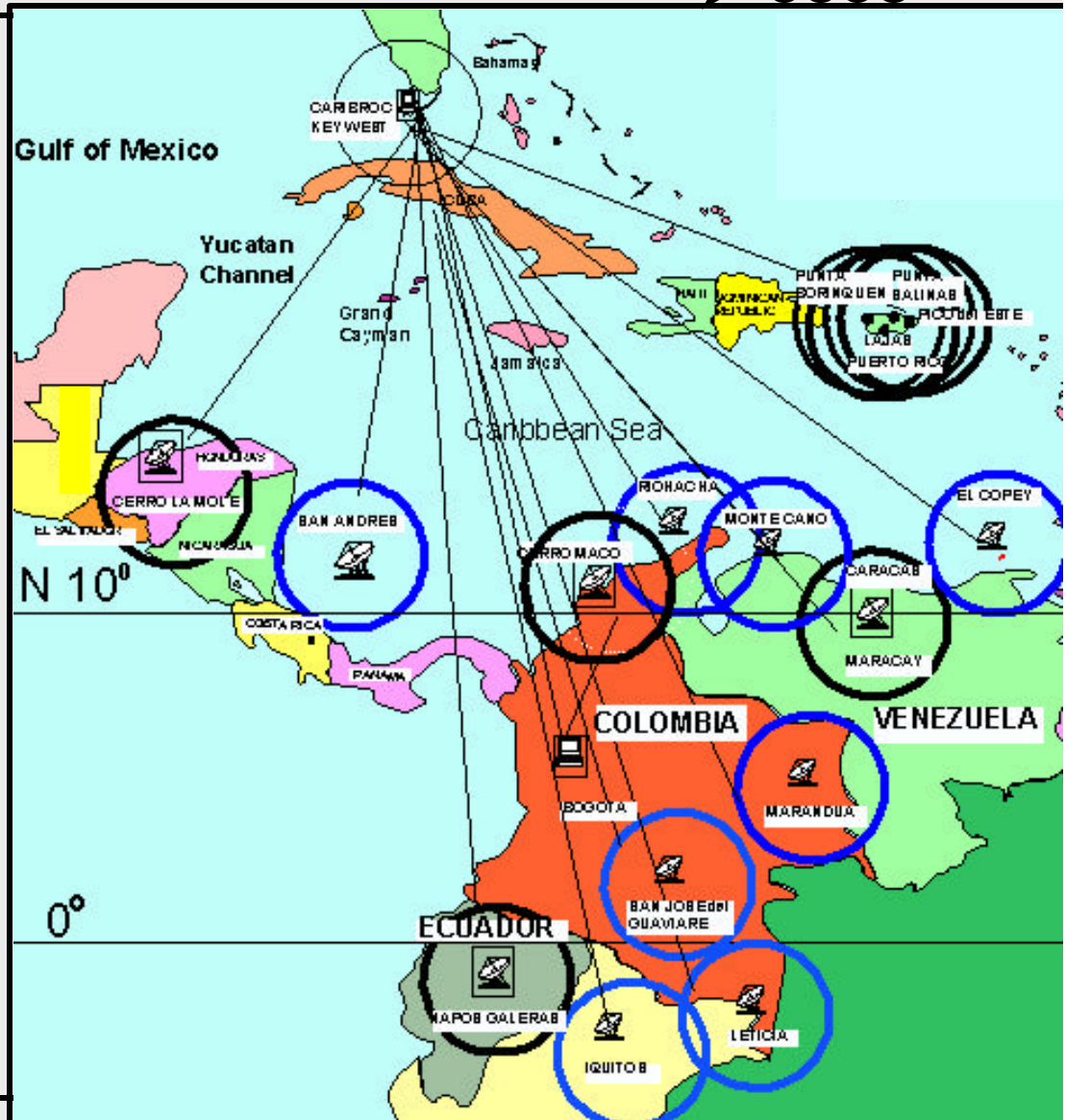
– **CSCS System Manager**

◆ **HQ ACC PMS**

– **Manage Long Term Sustainment**

CSCS Network

- ◆ CSCS Radars
  - – USAF Radars (Blue)
  - – Other US or Cooperating Nation(PN) Radars (Black)
- ◆ PN Command Center Connectivity
  - – Colombia, Venezuela, Ecuador
- ◆ Remote HF TADIL A Radios
  - – Link 11 Data: Ships & AEW Aircraft
- ◆ Data used to feed the COP
- ◆ US & PN Remote UHF/VHF radios
  - – Command and Control
- ◆ Hot Lines/DSN Service in Theater
- ◆ US & PN Real Time Displays

Current CSCS Communications Network

$$\longrightarrow CSCS$$

◆ **Radar Sites**

– **Radar data**

– **Voice Connectivity to Sites/CN Centers**

– **Remote UHF/VHF radios**

  ◆ **Access (voice)**

  ◆ **Control**

– **DSN**

◆ **HF TADIL A radios**

– **Co-Located at selected Sites**

– **Voice & Data Access**

– **Control**

◆ **Cooperating Nation Command Centers**

– **Radar data**

– **Voice Connectivity to Sites**

– **Remote Radios (Colombia Only)**

– **CNIES**

– **DISN Support**

  ◆ **DSN (Current)**

  ◆ **NIPRNET (Potential)**

  ◆ **SIPRNET (Potential)**

  ◆ **VTC**

    – Colombia (Current), Others (Potential)

Program Background
Typical CSCS Projects

CSCS →

Communications

Sensors

Construction

Earth Terminals

Operation Centers

Typical CSCS Un-Improved Site

Typical CSCS New Radar Site

CSCS